

FIG. 1

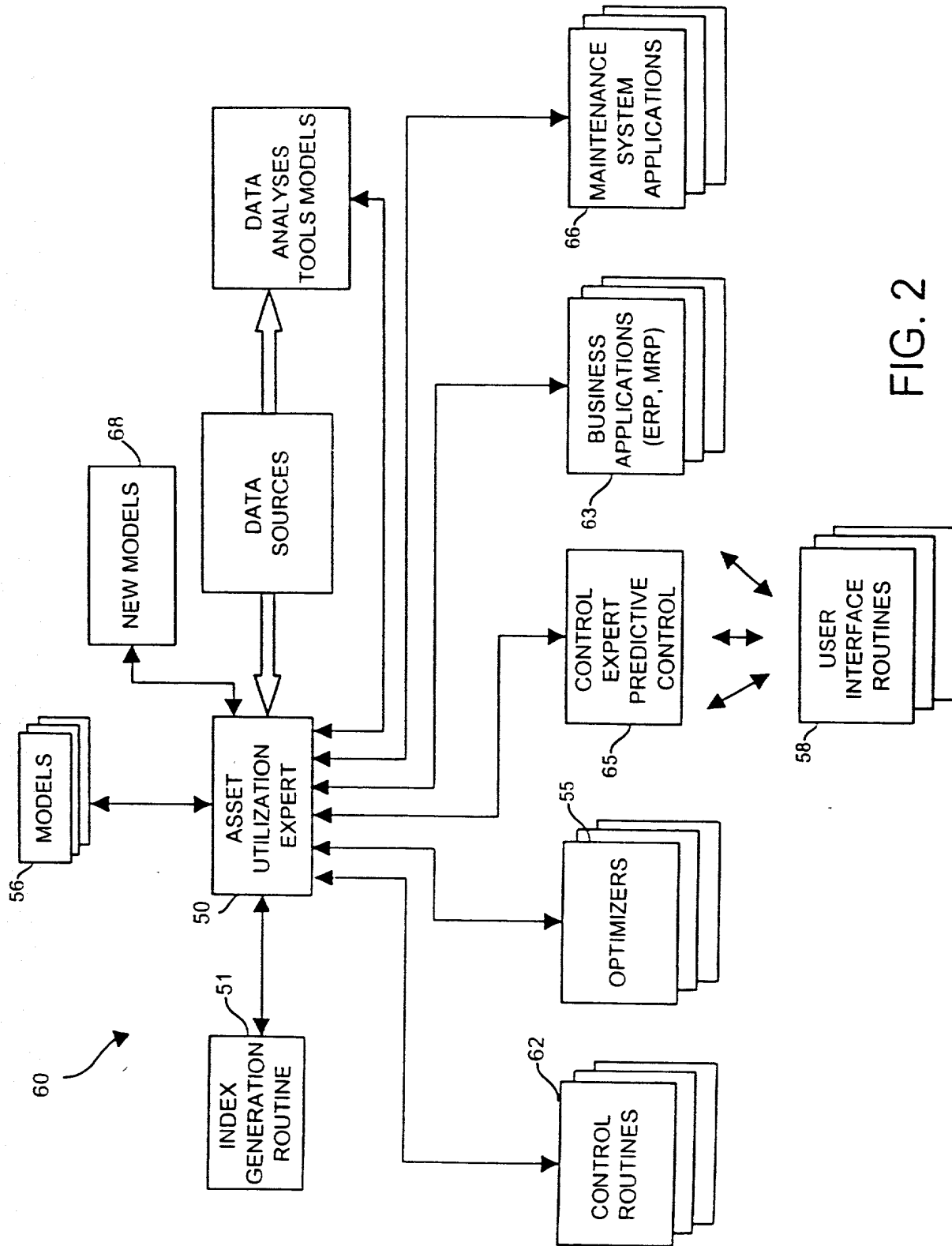


FIG. 2

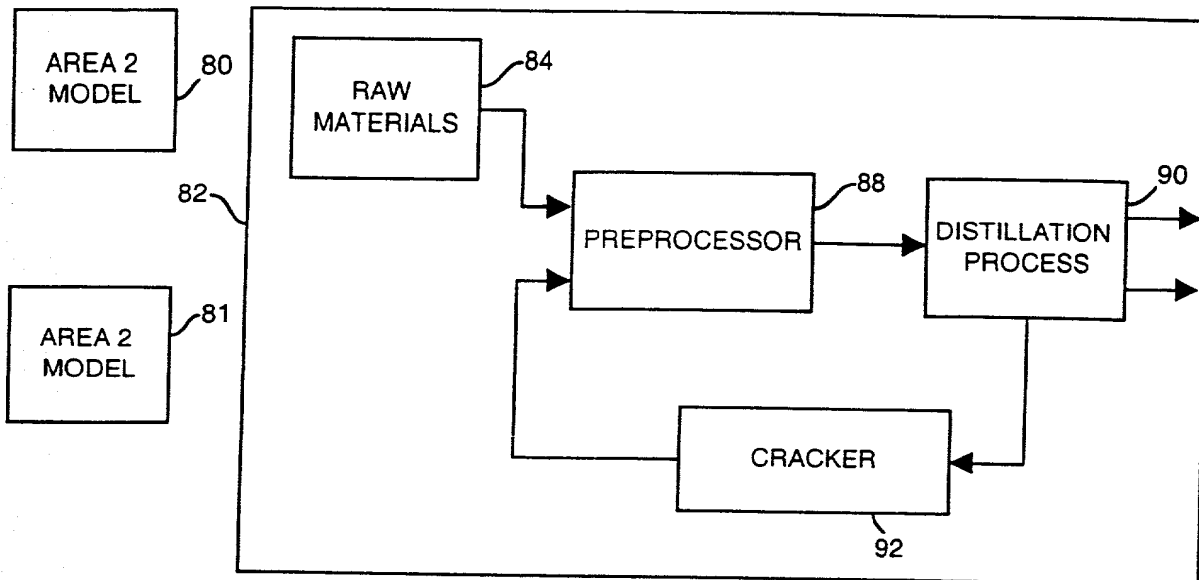


FIG. 3

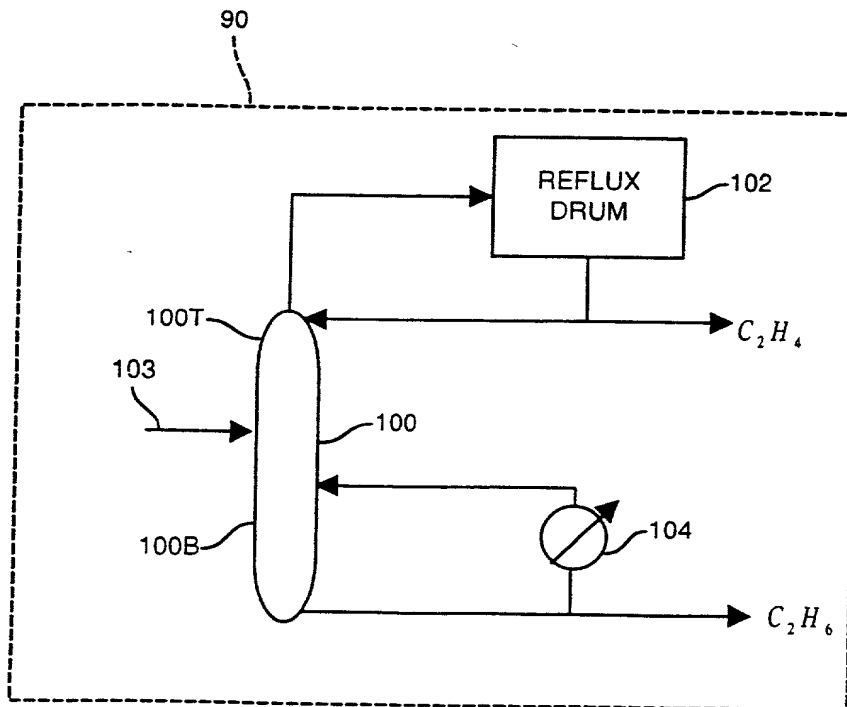


FIG. 4

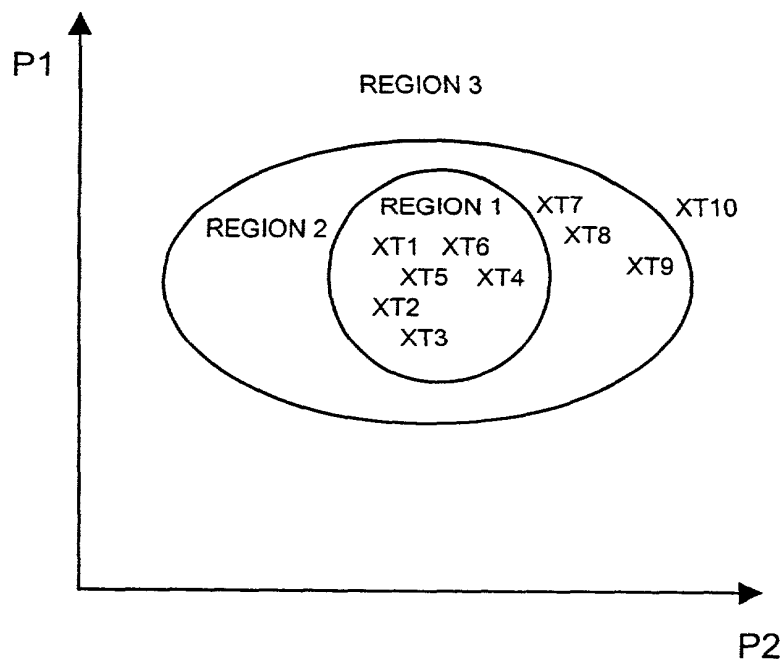


FIG. 5

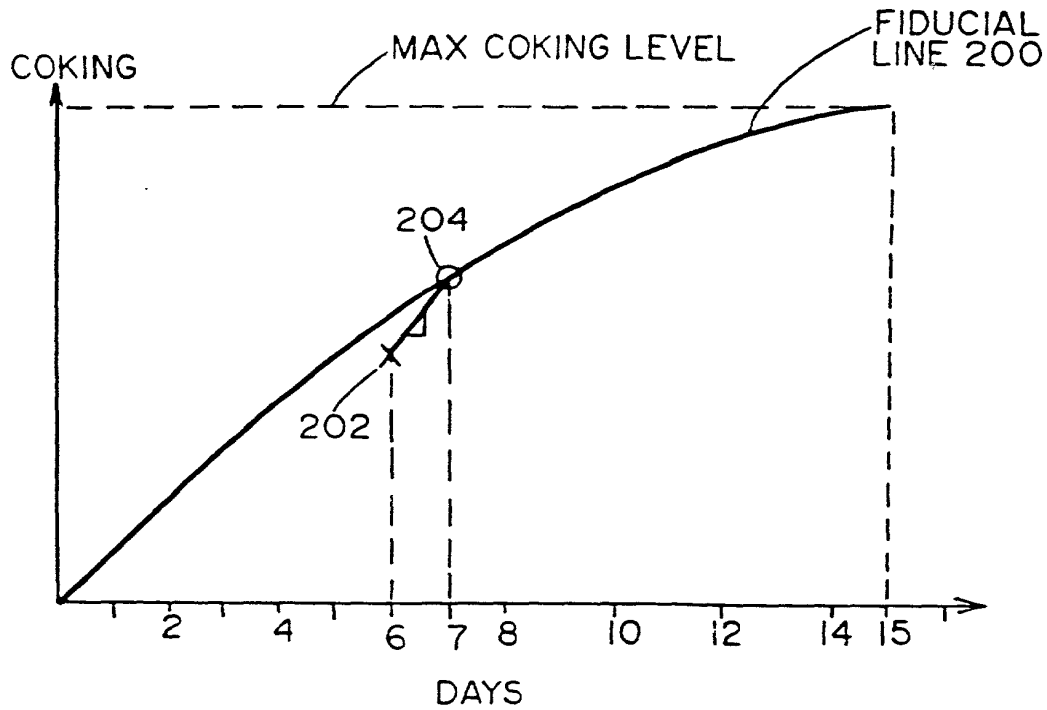


FIG. 6

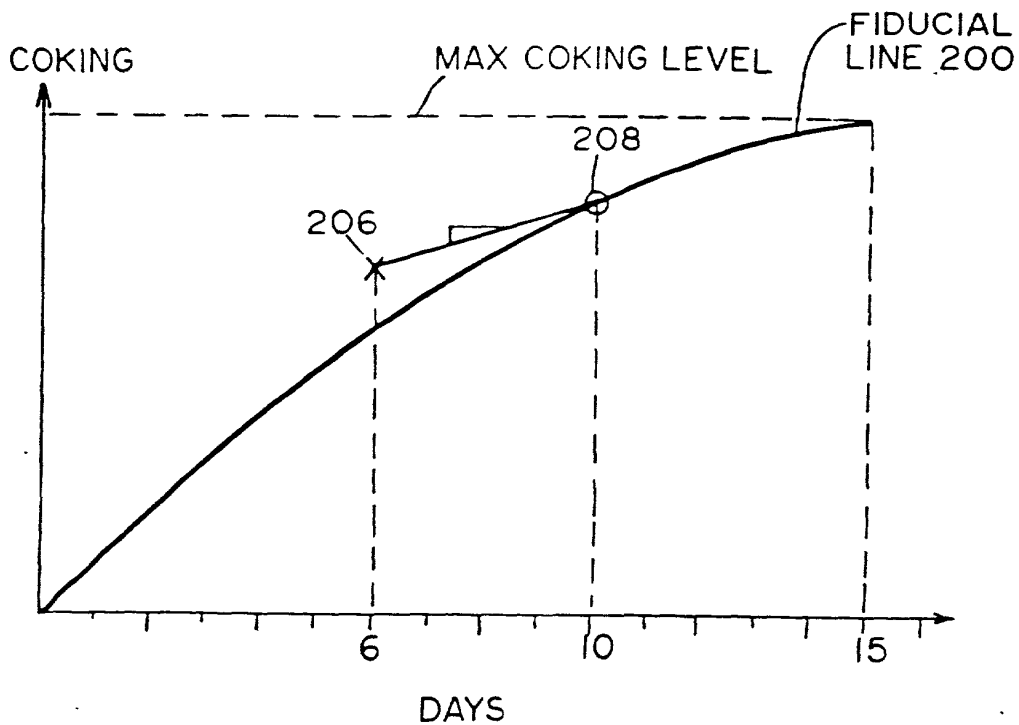


FIG. 7

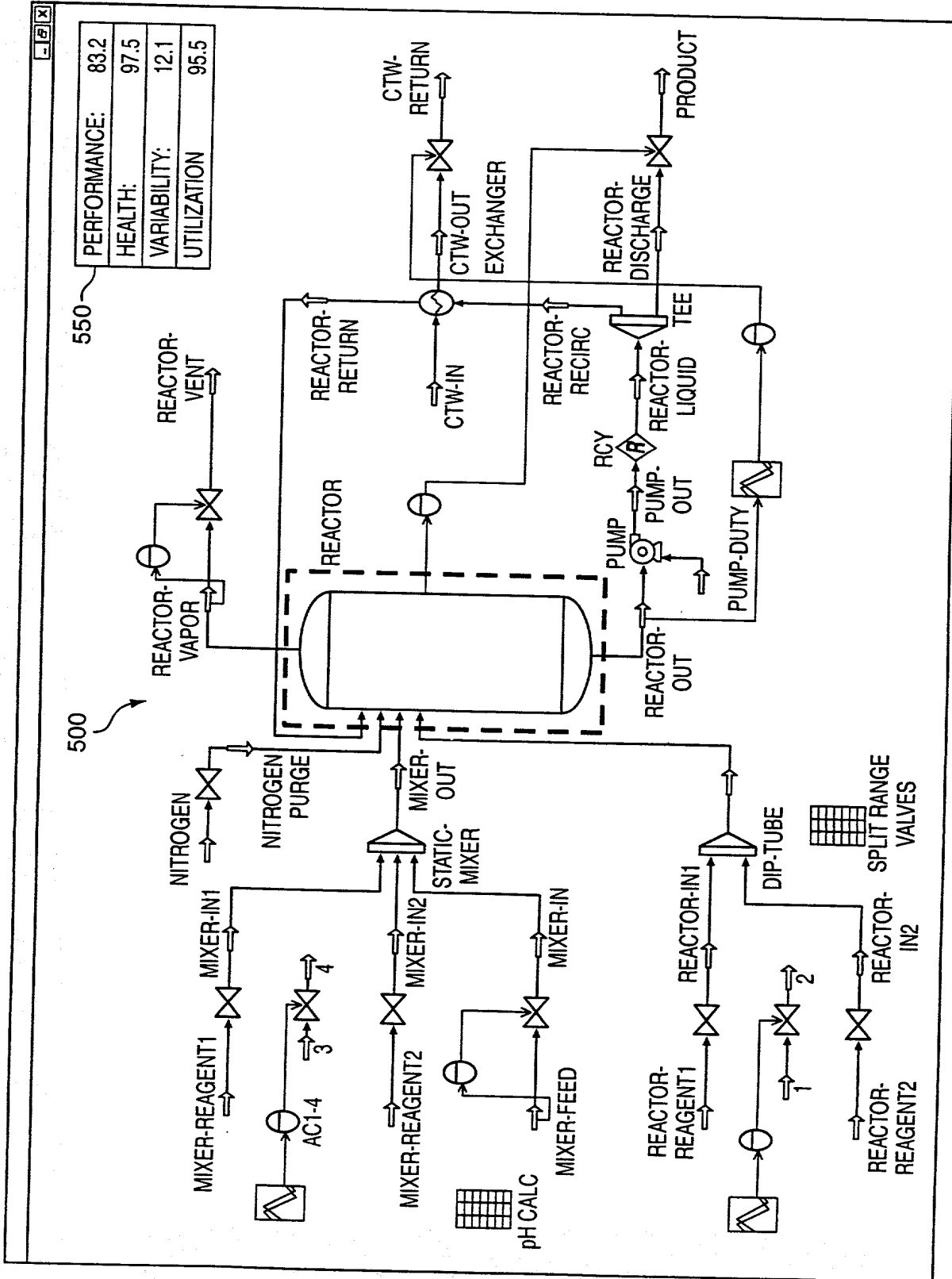
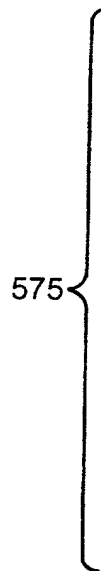


FIG. 8

	PI	VI	HI	UI
Unit	x		x	x
Sub Unit	x		x	x
Loop		x	x	x
Device		x	x	

FIG. 9

PERFORMANCE FOR FCCU: 83.2



Loop Name	Index	Weight
FIC-101	88	3
TIC-111	89	3
LIC-111	88	3
FIC-111	60	3
FIC-112	80	1
TCI-222	87	1
FIC-101	88	3
TIC-111	89	3
LIC-111	88	3
FIC-111	60	3
FIC-112	80	1
TIC-222	87	1
PIC-111	87	1

FIG. 10

FCCU Health: 97.5

Device Name	Index	Description	Weight
FV-111	100	Leaking	3
TI-111	98	Sticktion	3
<u>LI-111</u>	90	40	3
MC-101	95	Will burn up in 2 weeks	3
FV-111	96	0	1

FIG. 11

FCCU Variability: 12.1

Device Name	Index	Weight
FV-101	0	3
TI-111	2	3
LI-111	40	3
FV-111	0	3
FV-112	0	1
TI-222	2	1
FI-101	7	3
TI-111	6	3
LI-111	7	3
FI-111	7	3
FI-112	7	1
TI-222	7	1
Sub unit: Reboiler RB101	15	2

FIG. 12

The screenshot displays a software window with a title bar containing standard OS controls. Inside the window, there are two tabs: 'Alarms' and 'Process', with 'Process' currently selected. Below the tabs, there is a sub-header 'Impulse Line'. The main content area is divided into two sections. The top section, titled 'Plugged Impulse Line Detection', contains a 'Time Stamp' field showing '12:72:12' and a 'Status' section with a list of checkboxes: 'OK', 'Inactive', 'Learning', 'Verifying', 'Insufficient Dynamics' (which is checked), 'Bad PV Status', and 'Not Licensed'. Below this list is a radio button labeled 'All Lines Plugged'. The bottom section, titled 'Plugged Impulse Line History', contains a 'Time Stamp' field showing '16:72:12' and a 'Status' section with two radio buttons: 'All Lines Plugged' (which is selected) and 'No History'.

Alarms | Process | Impulse Line

Plugged Impulse Line Detection

Time Stamp 12:72:12

Status

☐ OK
☐ Inactive
☐ Learning
☐ Verifying
☒ Insufficient Dynamics
☐ Bad PV Status
☐ Not Licensed

☐ All Lines Plugged

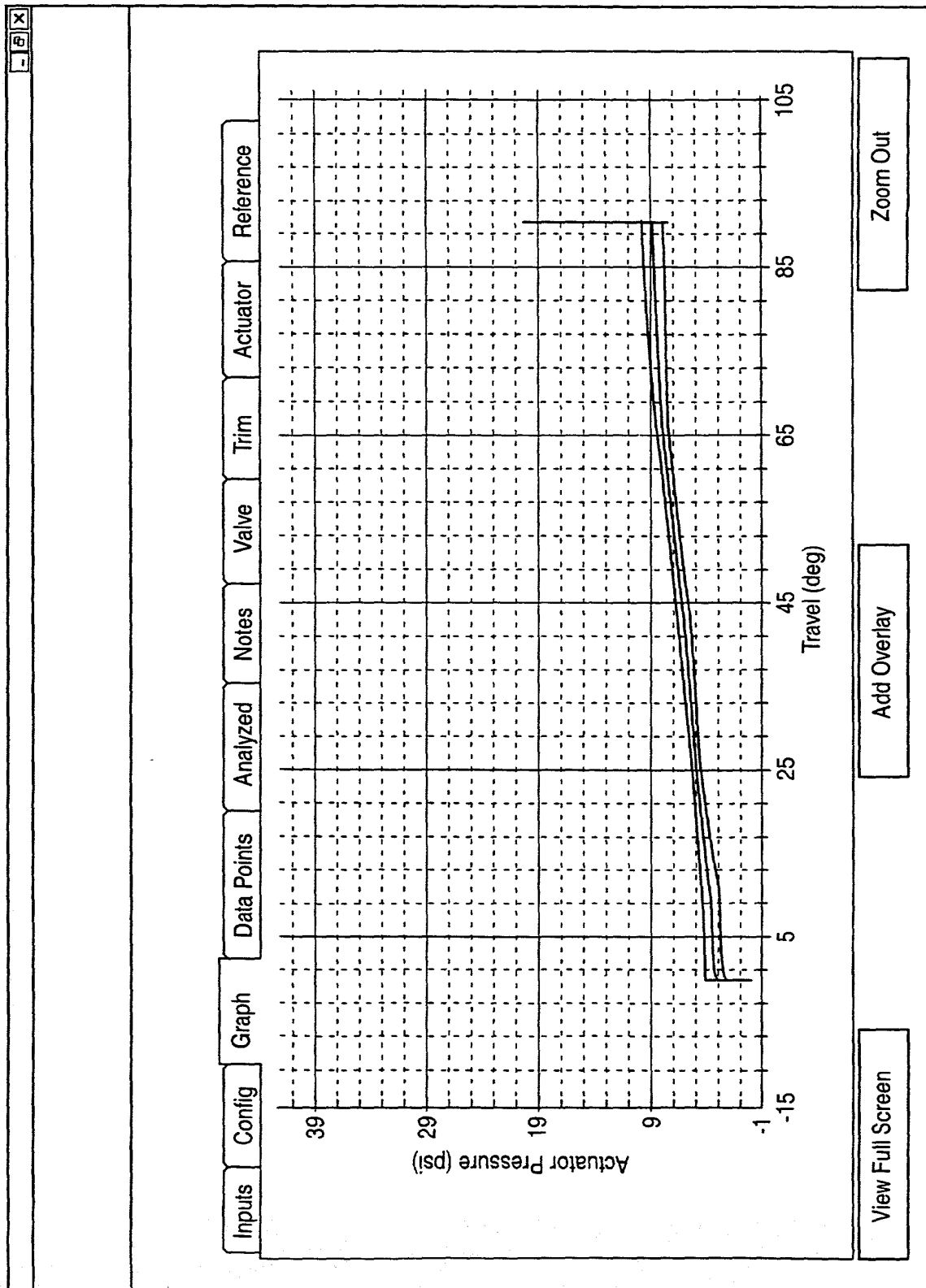
Plugged Impulse Line History

Time Stamp 16:72:12

Status

☒ All Lines Plugged
☐ No History

FIG. 13



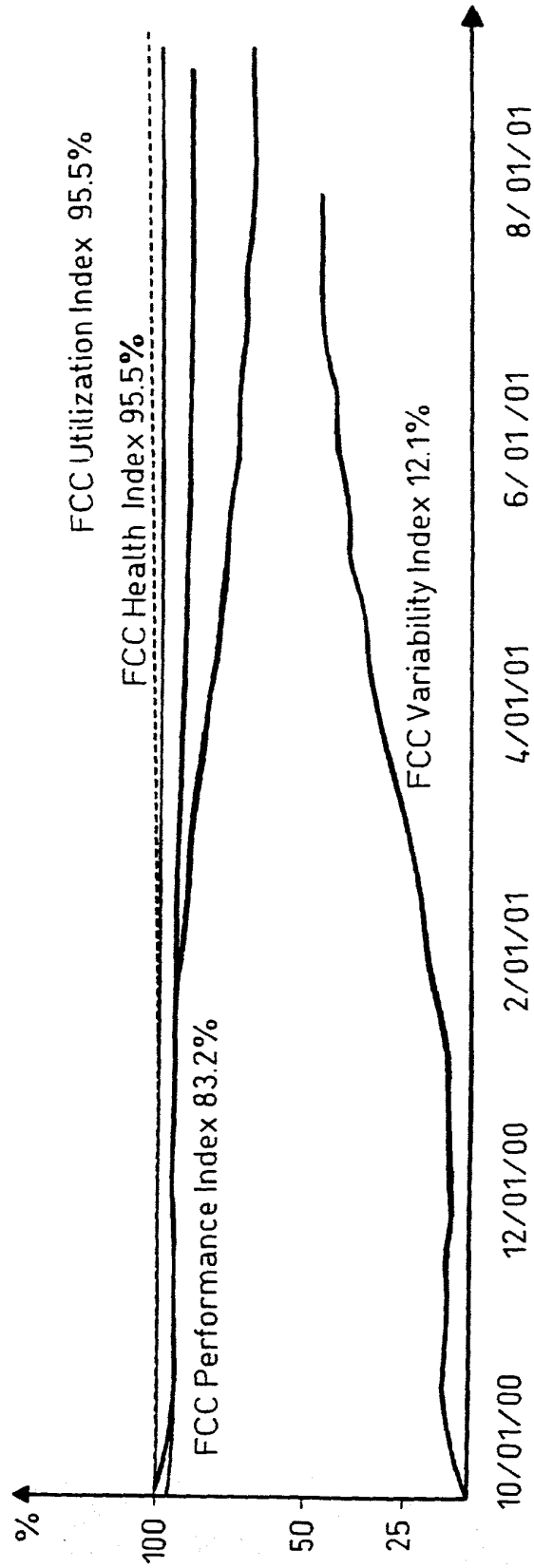


FIG. 15

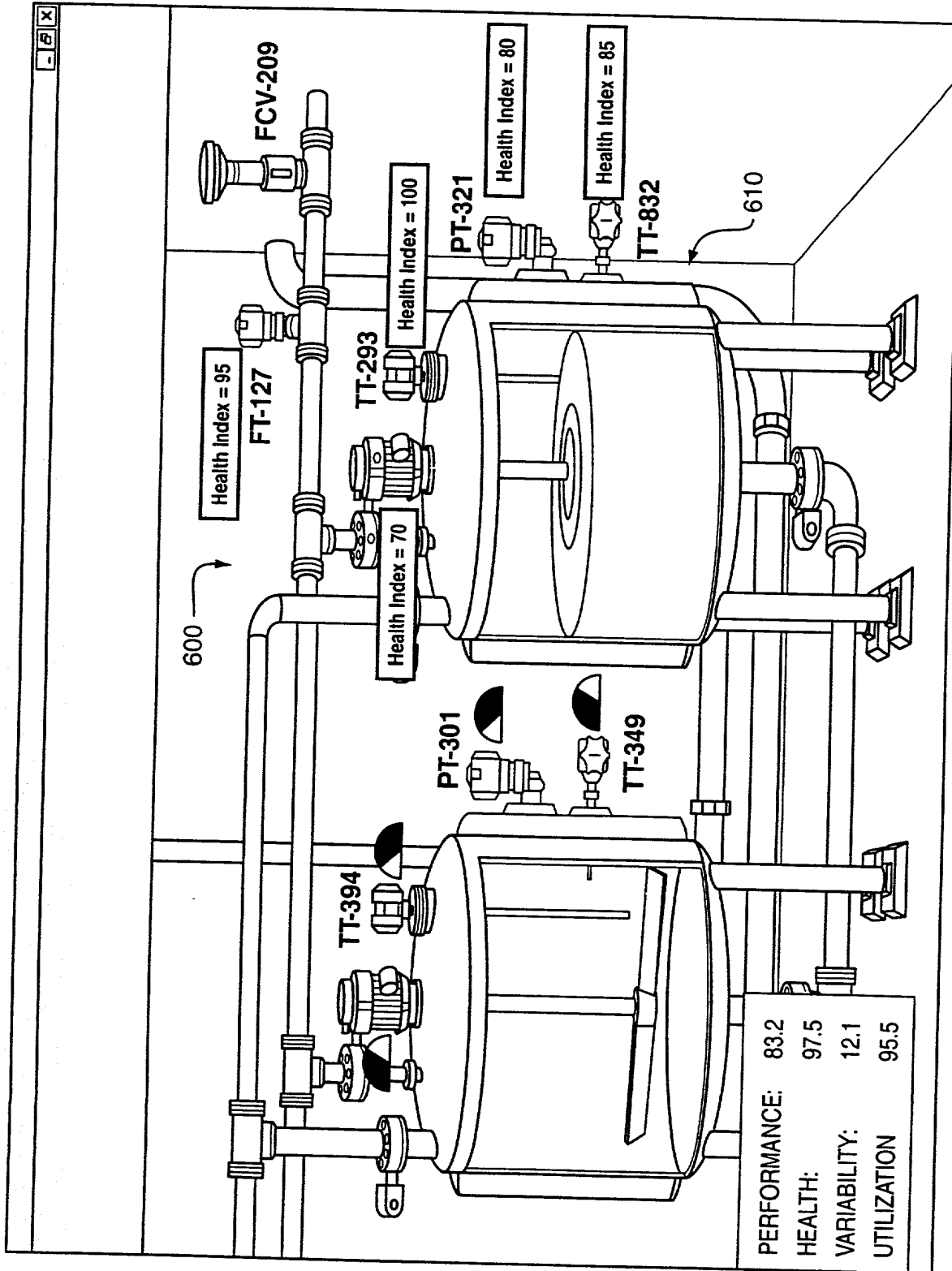


FIG. 16

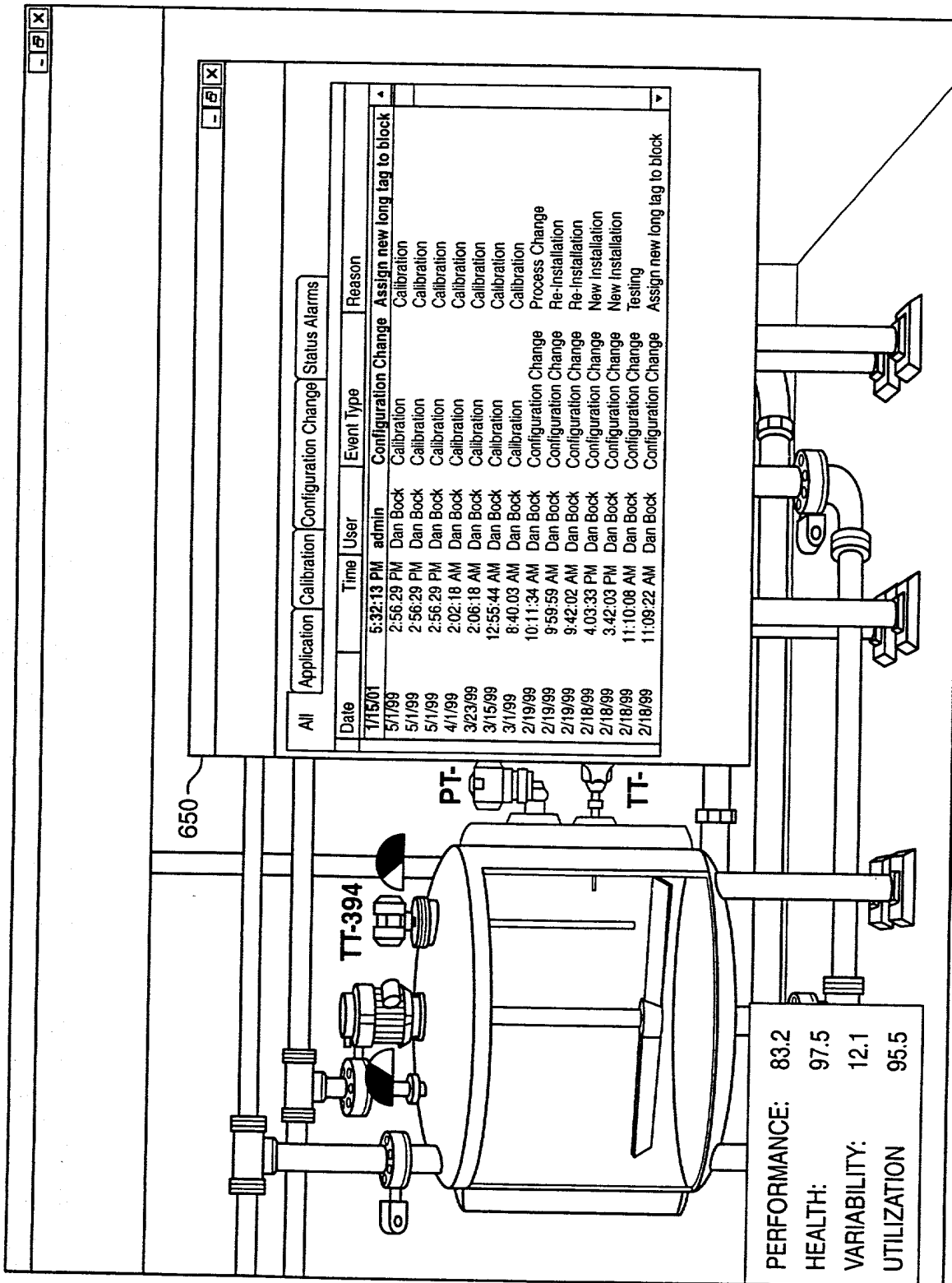


FIG. 17

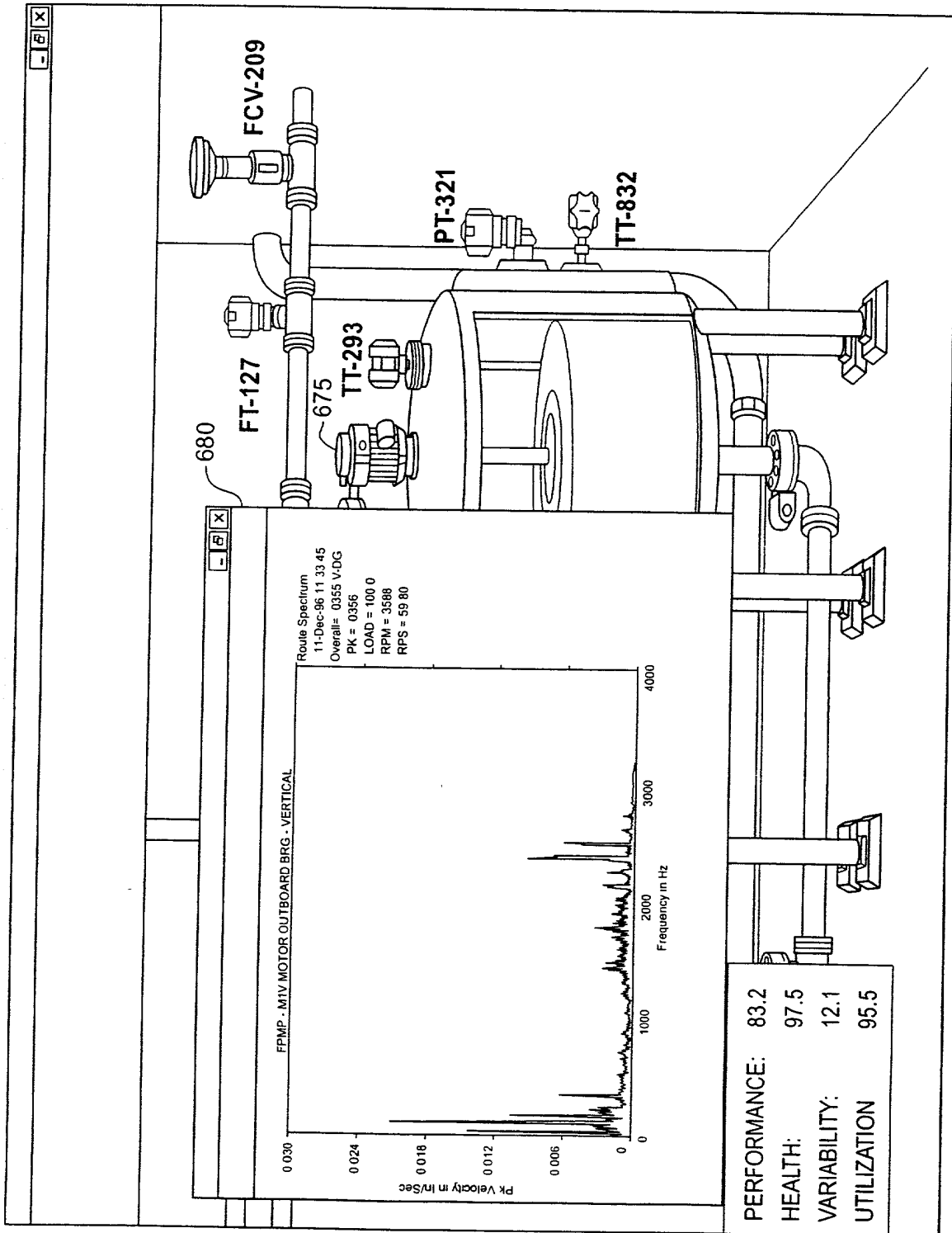


FIG. 18

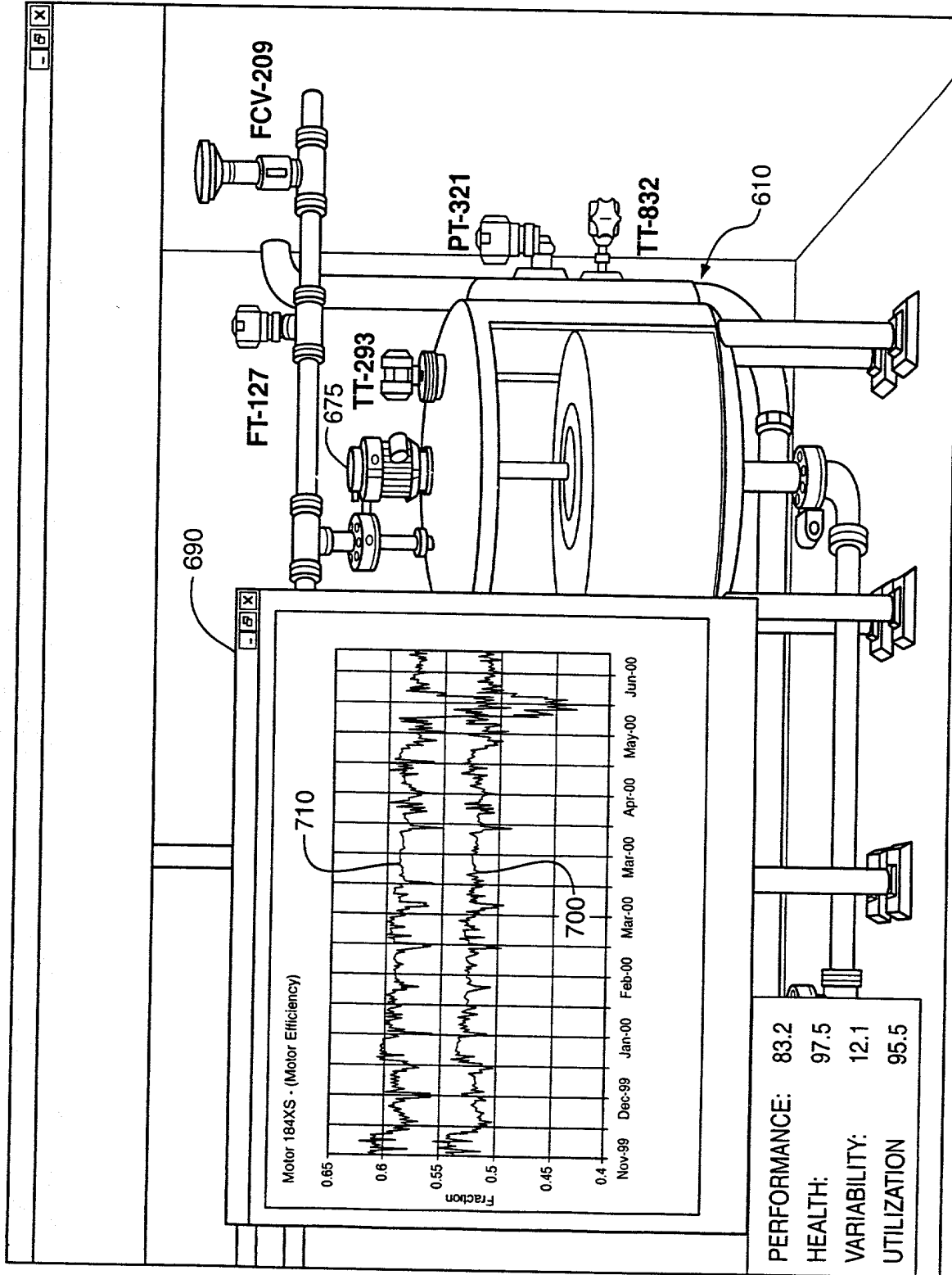


FIG. 19

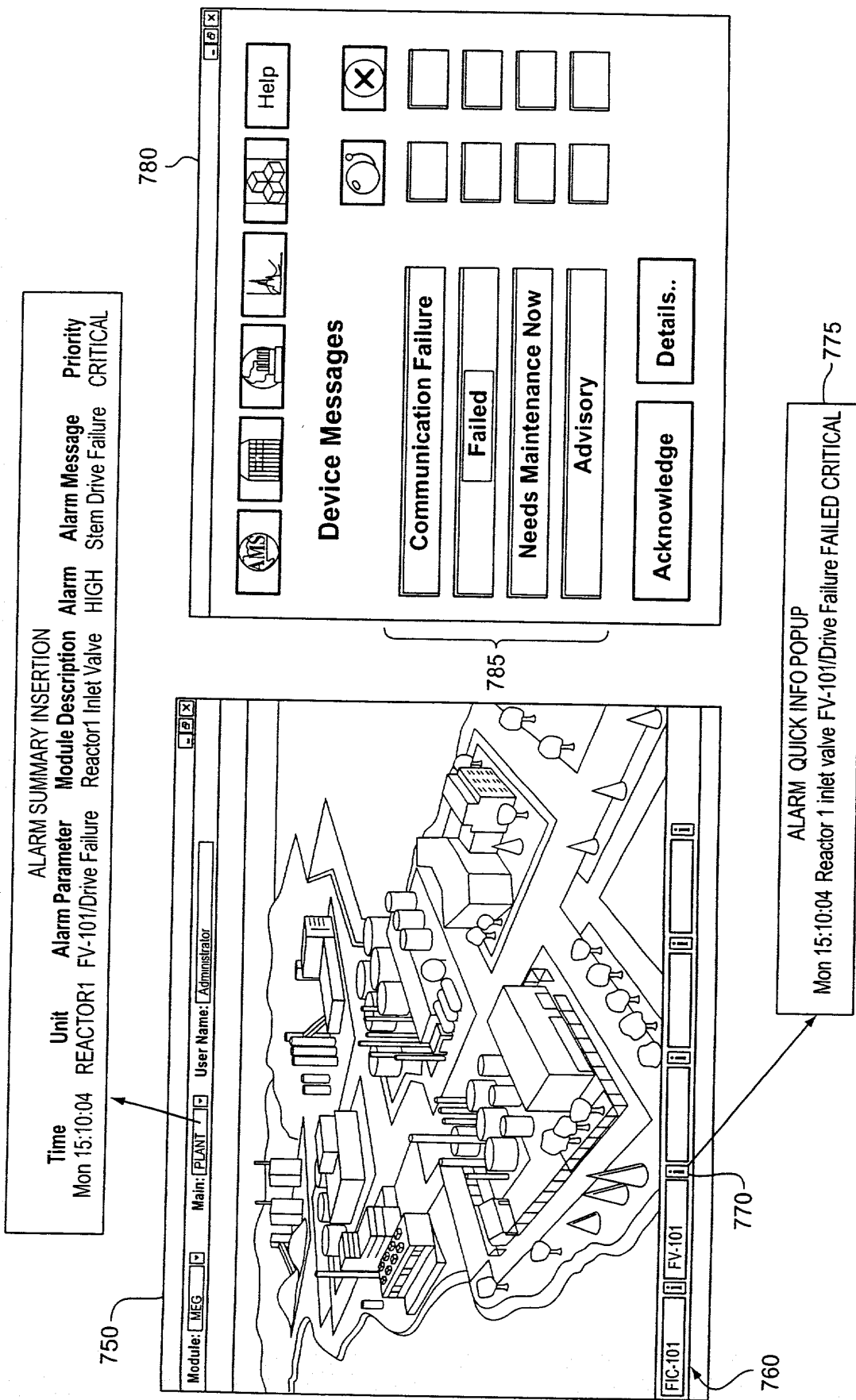


FIG. 20

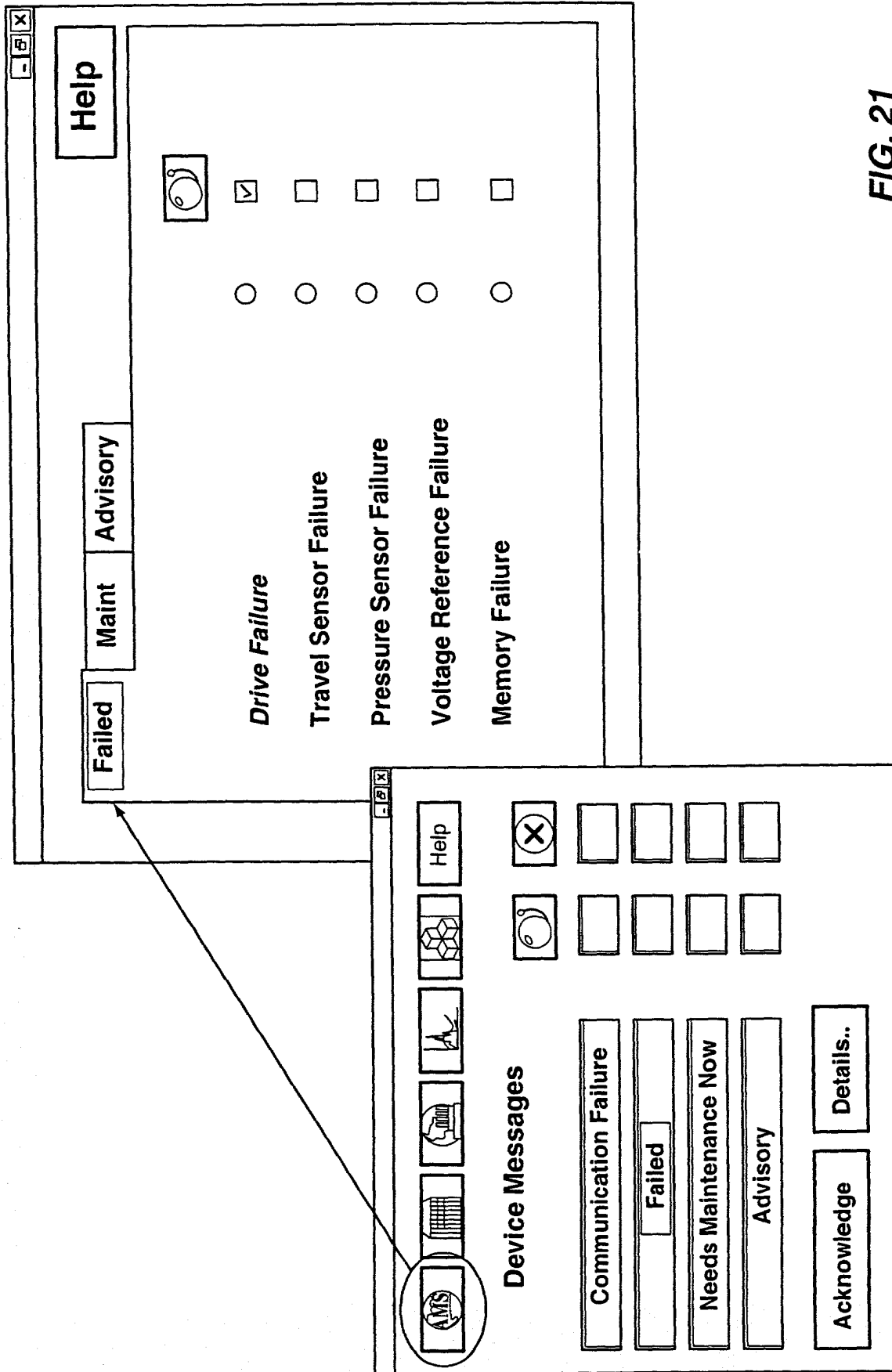
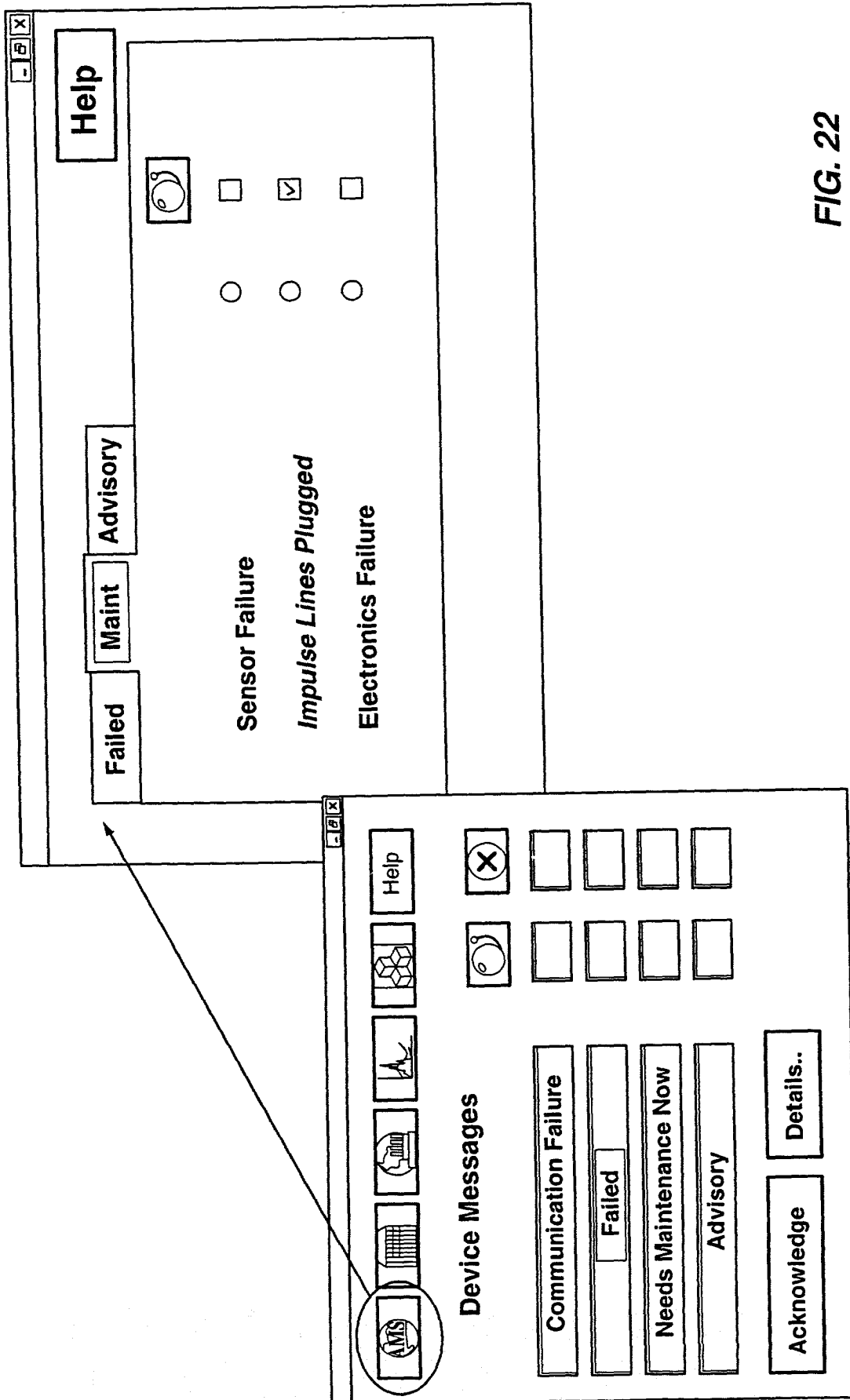


FIG. 21



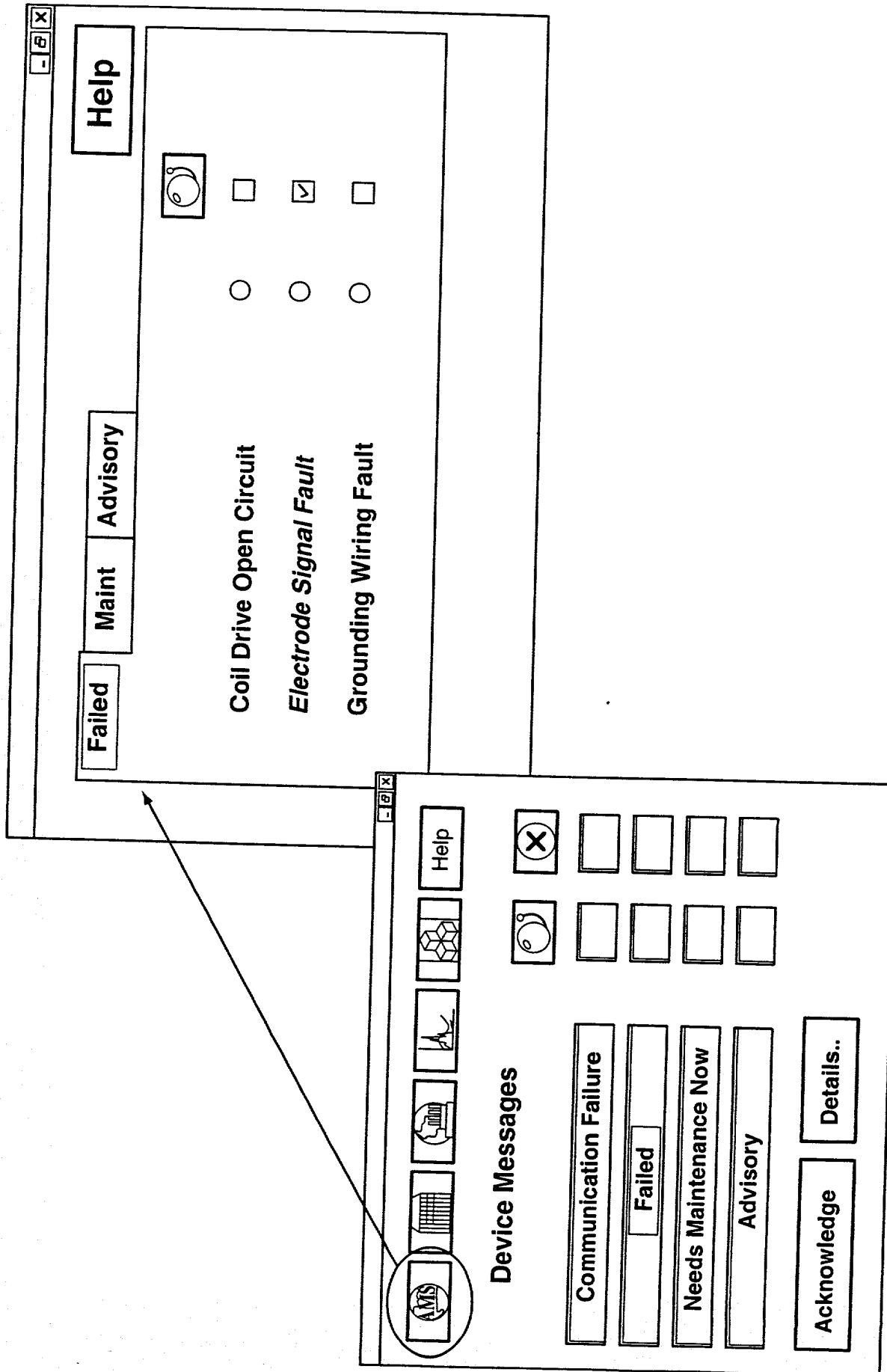
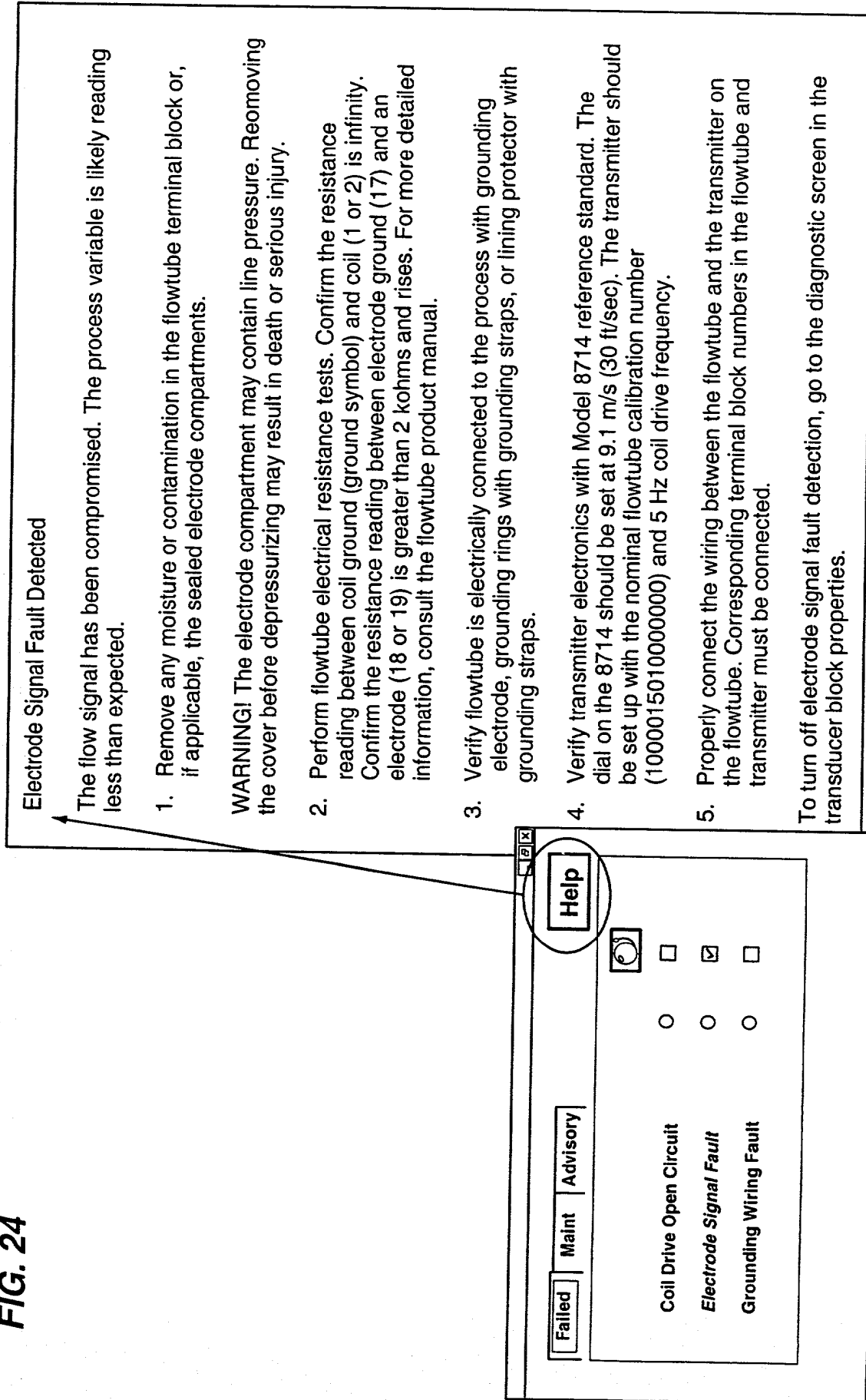


FIG. 23

FIG. 24



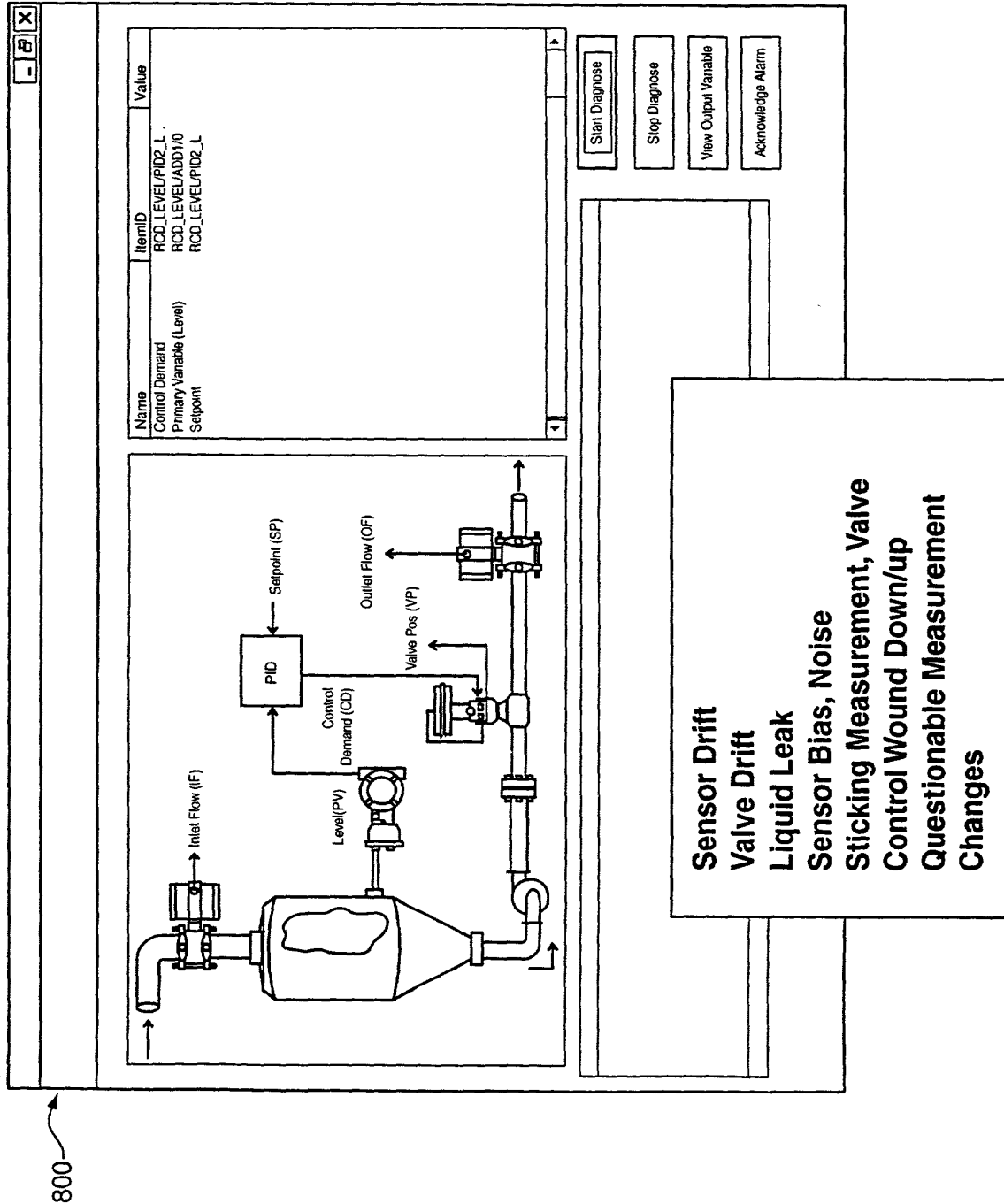


FIG. 25

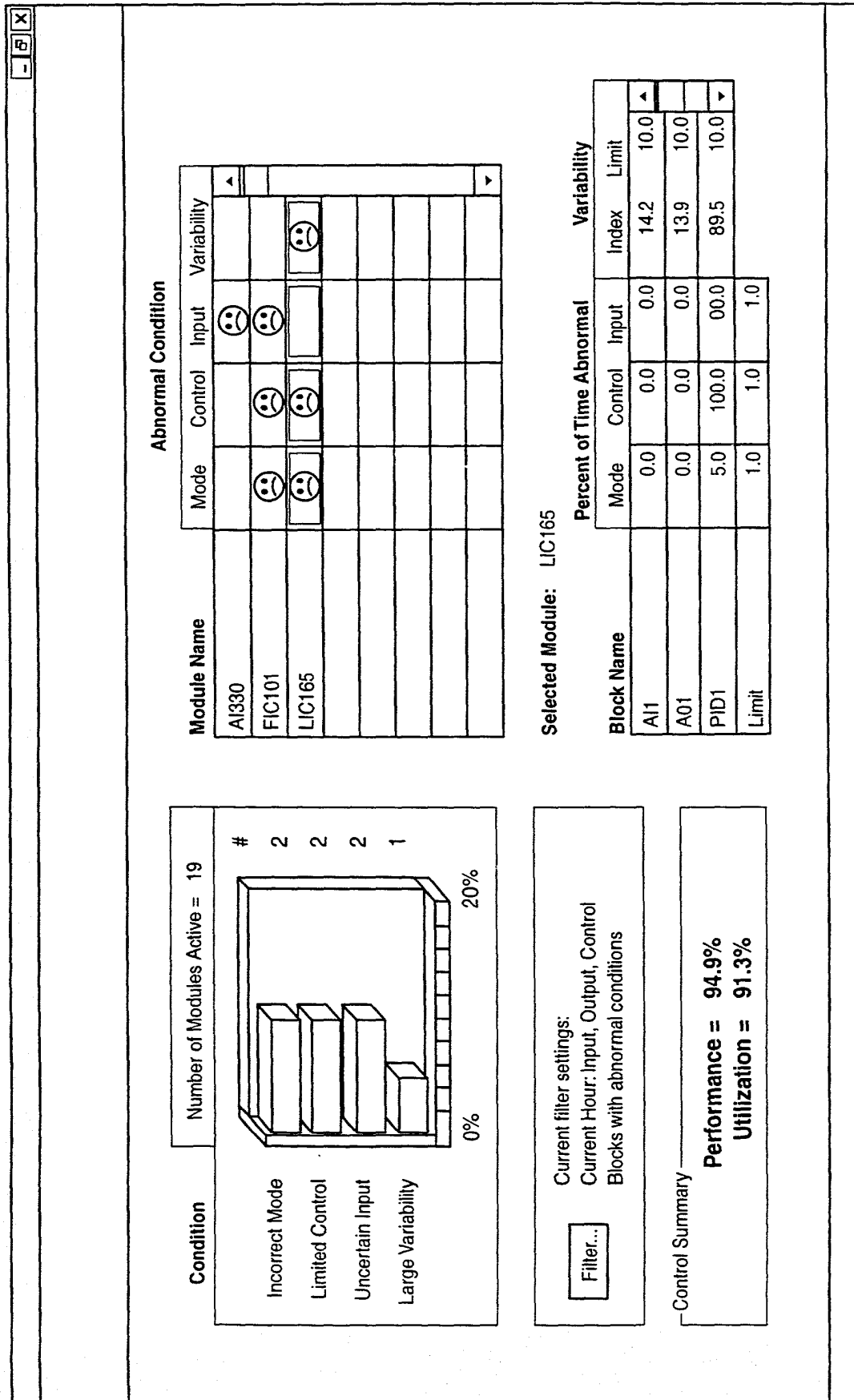


FIG. 26

		Work Order	Plans	Actuals	Costs	WO Hierarchy	Safety Plan	Failure Reporting	Linked Documents	
Modules Work Orders PMs Inventory Equipment Purchasing Plans Labor Calendars Resources Custom Apps Setup Utilities	Work Order	1194	SENSOR MEASUREMENT							
	Location	BDCUBE	AMS Business Development Cubicle							
	Equipment	TT-111	Rosemont 3044C in BD Cube							
	Reported By	MAXIMO	Reported By	8/18/00 1	Work Phone		Warranty Date		Equipment Up?	Y
	Status	WSCH	Status Date	8/18/00 1	Charge to Store?	N	Work Type	EM	WO Priority	5
	GL Account									
	Job Details		Problem		Follow-up Work					
	Job Plan		Failure Class		Originating WO					
	Safety Plan		Problem Code		Has Follow-up Work?	N				
	Service Contract	PM AMS10130								
Scheduling Information		Responsibility								
Start		Completion		Modified						
Target 8/18/00 11:42AM		8/18/00 11:42AM		Supervisor						
Scheduled				Labor Group						
Actual				Lead Craft/Person						
Estimated Duration 0.00				Crew						
Remaining Duration				By Maximo						
				Date 8/18/00 1						
				Interruptible?						

FIG. 27

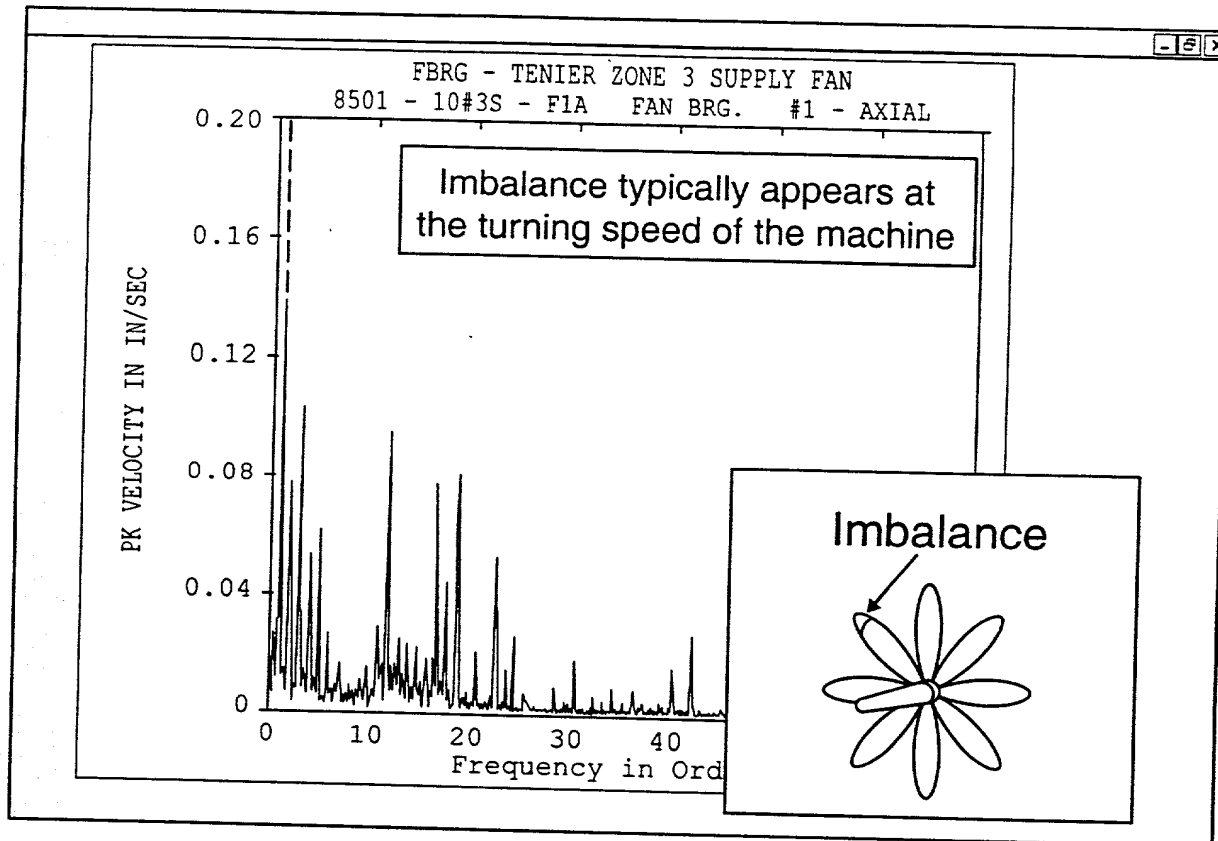


FIG. 28

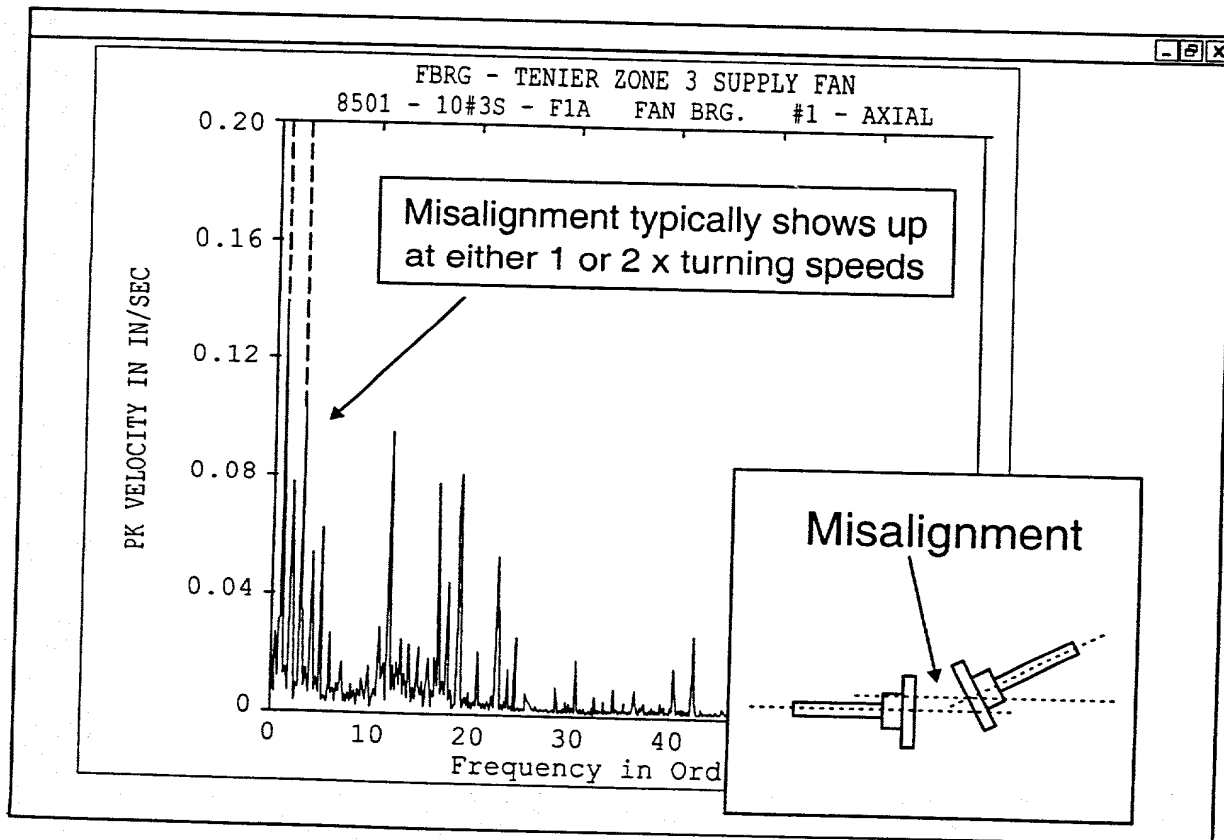


FIG. 29

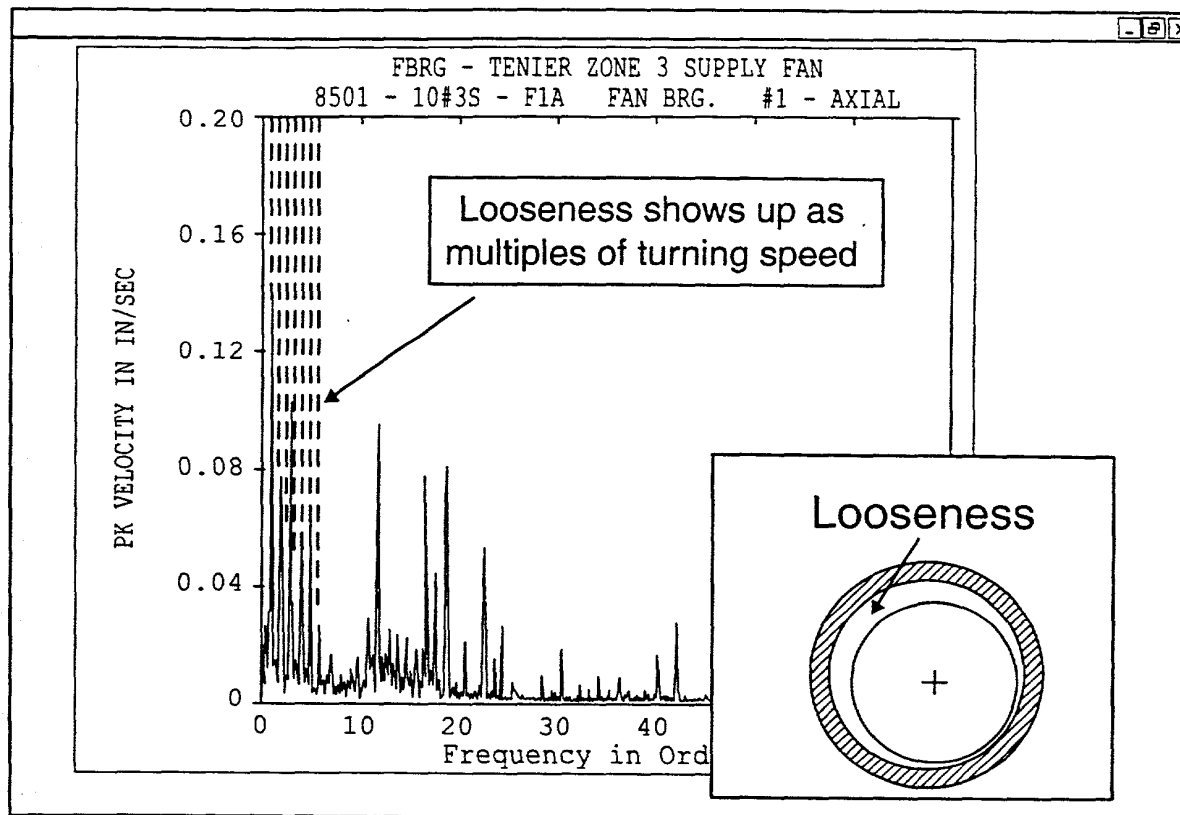


FIG. 30

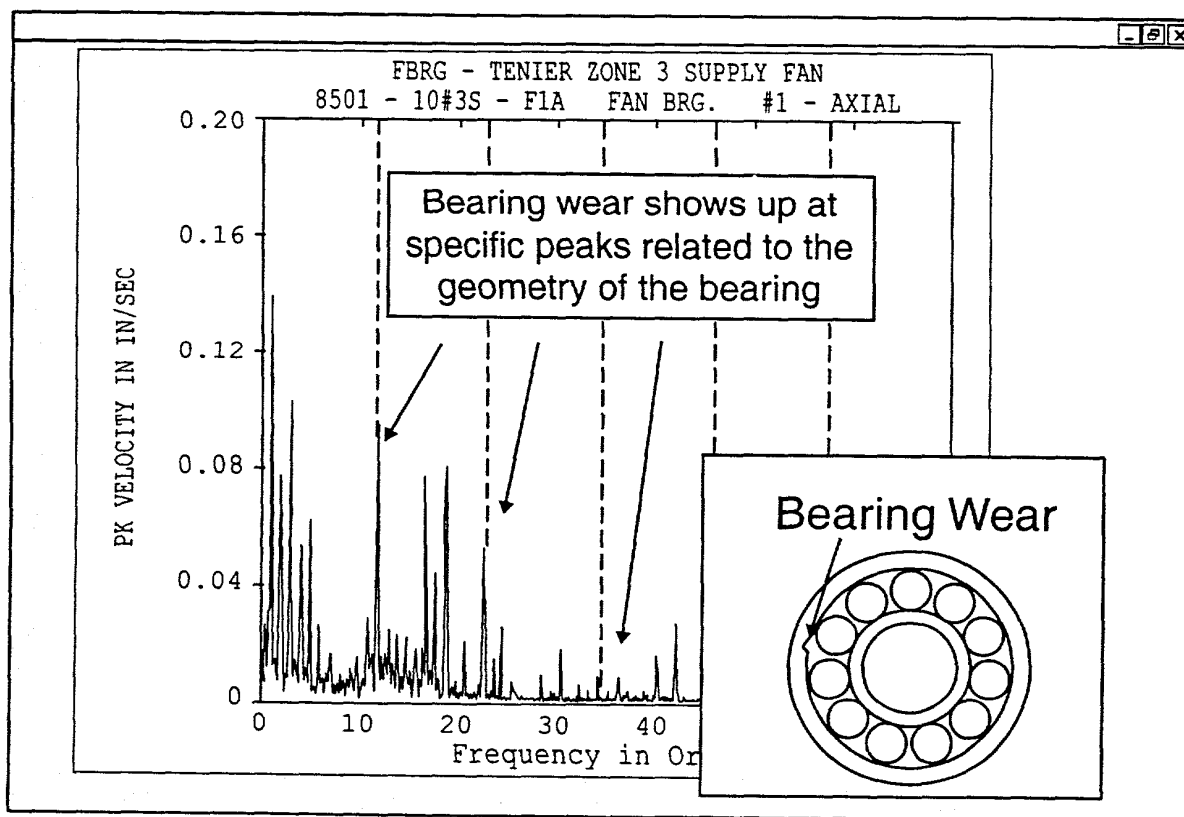


FIG. 31

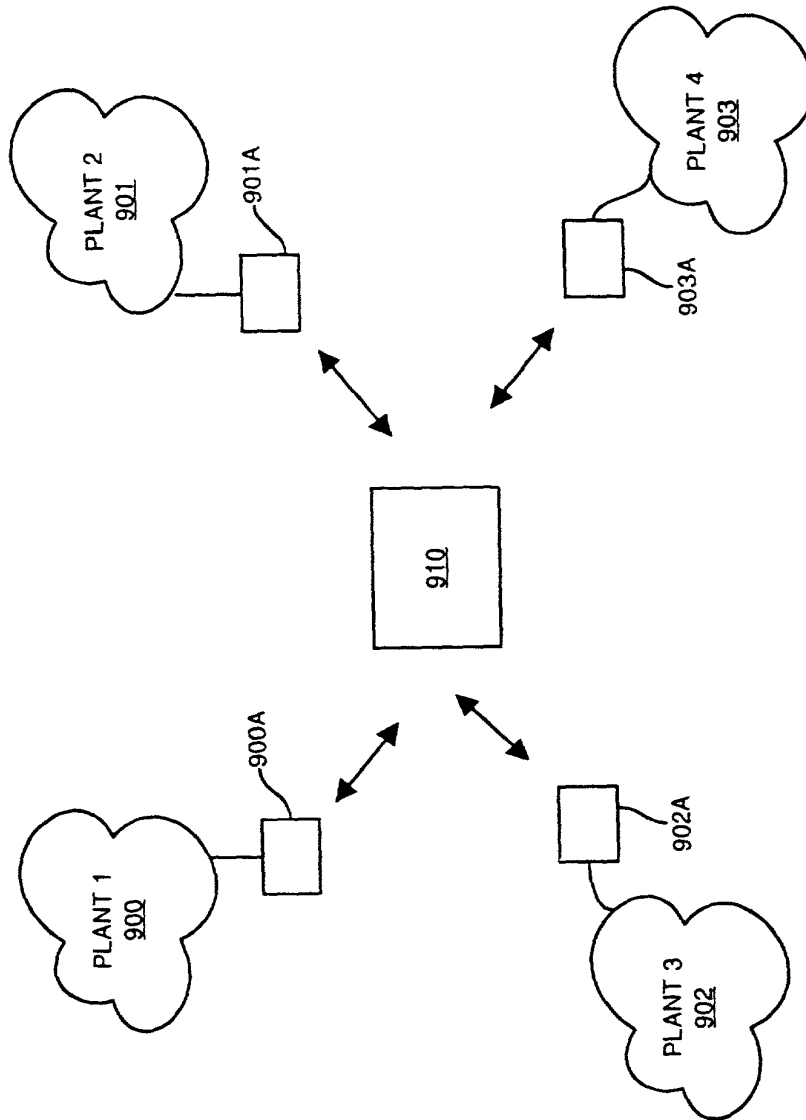


FIG. 32

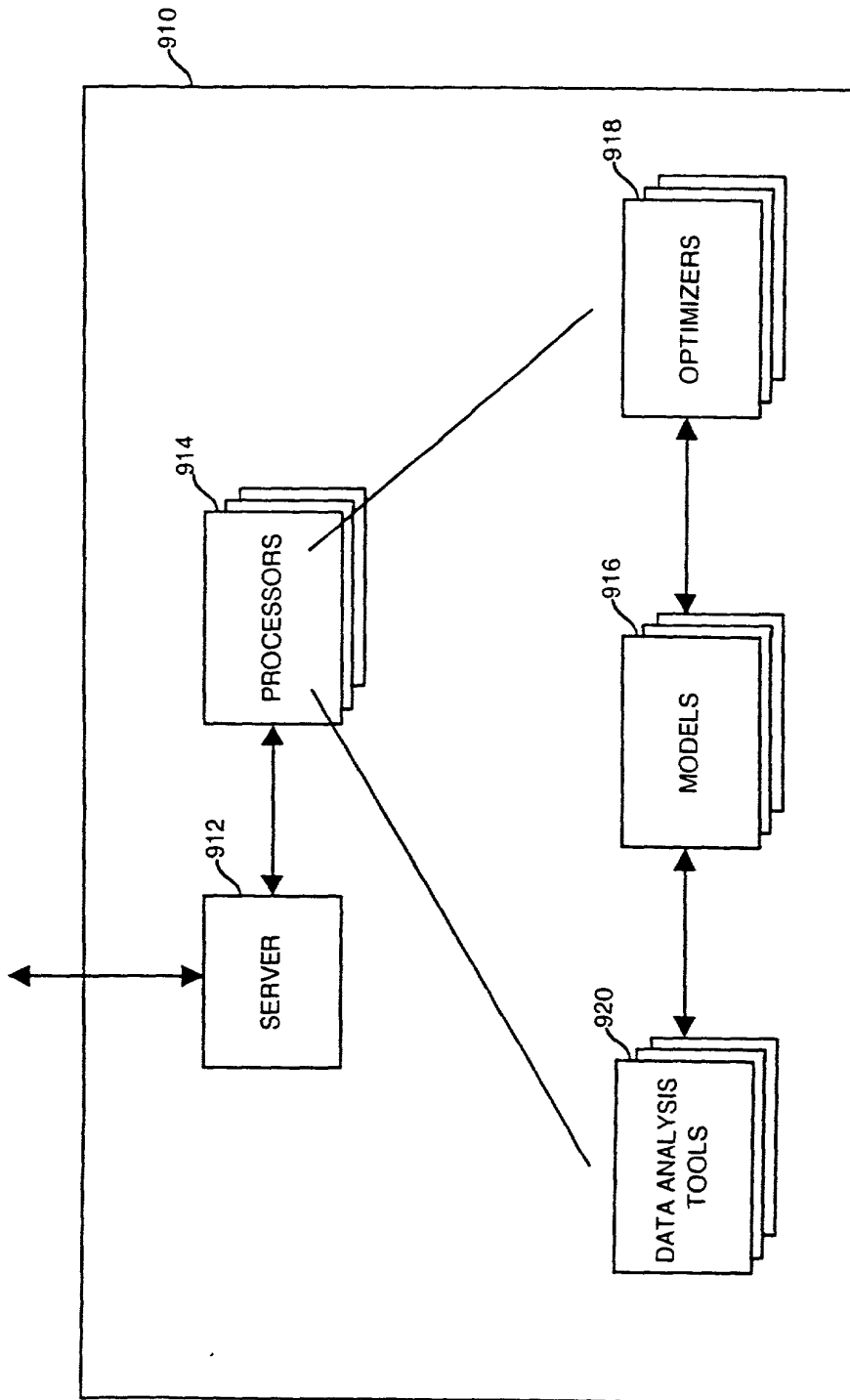


FIG. 33